



Sustainability Opportunities

Let us know if you'd like more information. (Red font = JSC event)



Here are your **June 2014 Sustainability Opportunities** at the Johnson Space Center and in the greater Houston area. Please participate, and contact JSC-Sustainability@mail.nasa.gov with additional opportunities.

Within this notification:

- ⇒ **A Look Back before we Look Ahead...**
- ⇒ **Sustainability Opportunities This month**
- ⇒ **Sneak Peek at Events Past This Month**
- ⇒ **How can I be more sustainable?**
- ⇒ **Additional Links**



A Look Back before we Look Ahead...

JSCs SAIC/SGMA Technical Speakers Forum welcomed Nelson Mumma, Jr. for "Sustainability: How Coca-Cola is Inspiring Change in the World"



WELL-BEING
Low/No Calorie Beverages
Transparent Nutrition Info
Physical Activity Programs
Marketing Responsibly

WOMEN
Community Foundations
Human and Workplace Rights
Safety

WATER
Packaging
Carbon
Sustainable Agriculture

Join the over 200 attendees that heard Nelson's presentation:
<https://knowledge.jsc.nasa.gov/index.cfm?event=newinnovationvideos>

2014 Monthly Sustainability Focus Areas

- Jan - Feb = **LAND**
- Mar - Apr = **WATER**
- May - Jun = **PEOPLE**
- July - Aug = **AIR**
- Sept - Oct = **ENERGY**
- Nov - Dec = **MATERIALS**

Every Month
Join the Fun &
Educational Sustainability
Activities related to our
JSC Sustainability Model

Check out all the
Red Font activities on
the following pages!!

Do you know what "Sustainability" actually means? Read our **JSC Sustainability Engagement Strategy!!**



In our JSC Sustainability model, there are 6 natural resources we're trying to protect while meeting our mission objectives here at JSC. Find out more at the **JSC Sustainability Webpage!**



You're making a difference in our **JSC Annual Sustainability Report!!**

JSC Annual Sustainability Report 2013		
<p>FY2013</p> <p>Water Consumed: 305,571,000 gallons</p> <p>Energy Used: 1,132,750 MWh (gas, electric, fuel oil)</p> <p>Paper Purchased: 447 tons</p> <p>Petroleum Fuel Used: 48,963 gasoline gallon equivalents</p> <p>Alternative Fuels Used: 56,403 gasoline gallon equivalents</p> <p>FY2012</p> <p>Engineered Non-Hazardous Waste: 1,354 tons</p> <p>Disposed Hazardous Waste: 21 tons</p> <p>Renewable Energy Produced Onsite: 368,880 kWh</p> <p>Compostable: 192 tons</p> <p>Total Materials Recycled: 3,420 tons</p> <p>Reused paper, cardboard, bottles, cans, scrap metal, medical biohazardous waste, other reusable, paper, tires, industrial solid waste, and electronics</p> <p>FY2011</p> <p>Air Emissions:</p> <p>Carbon Dioxide (CO₂): 107,704 metric tons</p> <p>Particulate Matter (PM): 13.0 tons</p> <p>Nitrogen Dioxide (NO₂): 1.4 tons</p> <p>Carbon Monoxide (CO): 1.2 tons</p> <p>Sulfur Dioxide (SO₂): 0.1 tons</p> <p>Volatile Organic Compounds (VOCs): 0.2 tons</p>		
<p>Johnson Space Center</p> <p>4,445,851 Gross Square Feet</p> <p>1,600 Acres</p>		



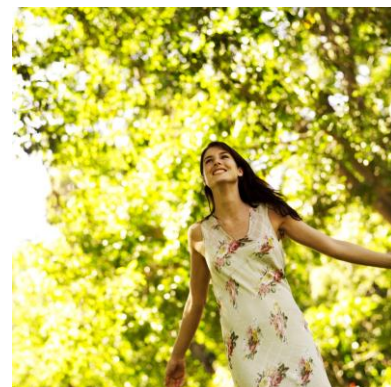
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Sustainability Opportunities This Month

- **Every Tues & Thurs – JSC Wellness Walks around the Ponds**
 - 11:00AM
 - Meet in front of the B3 Café
 - POC: Joseph Callahan
 - <https://starport.jsc.nasa.gov/en/programs/wellness/wellness-walks>
- **June 3rd – Walk your Way to Wellness**
 - 6:00PM – 7:00PM
 - Houston Arboretum & Nature Center
 - \$12 members; \$15 nonmembers
 - <http://www.houstonarboretum.org/event/walk-your-way-to-wellness-tuesdays>
- **June 3rd, 4th, & 5th JSC Green Engineering Course** *(must be registered to attend)*
 - ~8:30AM - ~4:30PM
 - B35
 - https://saturn.nasa.gov/learning/user/deeplink_redirect.jsp?linkId=SCHEDULED_OF_FERING_DETAILS&scheduleID=73511
- **June 5th – JSC Environmental Stewardship Subcommittee Monthly Meeting**
 - 10:00 – 11:00AM
 - B1 R820
 - POC: Brandon Campbell or Alan Amor
- **June 10th – JSC Environmental Brown Bag, “Our Great Region 2040”**
 - 12:00 – 1:00PM
 - B45 R751
 - <http://www.ourregion.org/>
 - POC: Michelle Fraser-Page
- **June 11th – JSC Sustainability Partnership Team Monthly Meeting**
 - 3:00 – 4:30PM
 - B45 R751
 - POC: Mike Ewert
- **June 14th – Sierra Walkers @ Nassau Bay Post Office**
 - Meet every Saturday at 7:30 AM right across from the Nassau Bay Post Office
- **June 18th – JSC Green Team Monthly Meeting**
 - 1:00 – 2:00PM
 - B35
 - POC: Janice Makinen
- **June 19th – JSC Armand Bayou Nature Center Hike at Lunch** *(transportation provided)*
 - 11:00AM – 12:00PM, Guided tour via JSC Wildlife Biologist, Matt Strausser
 - Meet in the loading zone area between building 1 and 3
 - Free for Armand Bayou Nature Center members, \$4 for non-members due upon arrival. [Click here for membership information.](#)
 - Courtesy of your JSC Green Team and JSC Wellness Team *(will replace the Wellness walk around the Mall Ponds)*





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Sustainability Opportunities This Month (continued)

- **June 19th – JSC Contractor Environmental Partnership Meeting**
 - 1:00 – 2:00PM
 - B30 Collaboration Area (2nd floor)
 - POC: Jeni Morrison
- **June 19th – IEEE Galveston Bay Section Lunch Meeting: Electric Vehicles & Photovoltaic, Presented by Dave Hanson, JSC Electric Car POC**
 - 11:30AM – 1:00PM
 - JSC Gilruth Center
 - http://ewh.ieee.org/r5/galveston_bay/events/events.html
- **June 19th & 20th – Gulf Coast Green**
 - Join us at a leading green building conference in the Gulf Coast region. The Gulf Coast Green Symposium and Expo will include activities over two days as well as a Green Product Showcase featuring hand-selected green building products that will be open to all attendees concurrently with the symposium.
 - <https://aiahouston.org/v/site-home/Gulf-Coast-Green/35/>
- **June 19th – My Houston 2040 Happy Hour with Christof Spieler METRO Reimagining**
 - 5:30 – 7:00PM
 - Rudyards Pub, 2010 Waugh
 - <http://www.ctchouston.org/wordpress/my-houston-2040-june-speaker-christof-spieler-metros-transit-system-reimagining/>
- **June 25th – JSC Armand Bayou Nature Center Hike after work**
 - 4:00PM – 4:45PM, Guided tour via JSC Wildlife Biologist, Matt Strausser
 - Meet at Armand Bayou Nature Center (transportation NOT provided)
 - Free for Armand Bayou Nature Center members, \$4 for non-members due upon arrival. [Click here for membership information.](#)
 - Courtesy of your JSC Green Team and JSC Wellness Team
- **June 29th – Clear Creek / Seabrook Trails 10-11 mile hike**
 - 10:00AM
 - Friendship Park, 4622 Park Rd., Seabrook, TX
 - Look for the guide next to his White Colorado Pickup
 - <http://www.meetup.com/Houston-Area-Trails-More/events/185476802/>



Let's Get Walking!!!



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How can I be more sustainable?

Calculate your ecological footprint! How many Earth's does it take to sustain your lifestyle if everyone in the world lived like you?

<http://myfootprint.org/>

Ready to Reap the Benefits of Walking? Here's how to get started...

<http://www.mayoclinic.org/healthy-living/fitness/in-depth/walking/art-20046261>

Ten Ways to Go Green and Save Green

http://www.worldwatch.org/resources/go_green_save_green The 2014 edition of the Environmental

Resource Guide is available from the Citizens Environmental Coalition as a pdf at

<http://www.cechouston.org/resource-guide/>



Additional Links

JSCs Sustainability Webpage (*find it anytime off the JSC Internal Homepage / Around JSC / Sustainability Initiatives*)

<http://jsc-web-www6.jsc.nasa.gov/ja/ja13/capp.cfm>

JSC Photos of Earth Day 2014 and local wildlife

<https://io.jsc.nasa.gov/app/browse.cfm?cid=51063&&pn=1&rpp=25&ct=1>

<https://io.jsc.nasa.gov/app/browse.cfm?cid=49948&&pn=2&rpp=25&ct=1>

<https://io.jsc.nasa.gov/app/browse.cfm?cid=49948>

How do I monitor the energy usage in my JSC building?

<http://ebiem:8080/idashboards/?guestuser=guest>

Sign up for the Citizen's Environmental Coalition Newsletter

<http://www.cechouston.org/cec-programs/houston-environmental-news-update/>